

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michael Anthony Aldridge  
**Agency:** Charlotte-Mecklenburg Police Department  
**Permit Number:** 120

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 6890 Gas Chromatograph	07/01/06	07/01/08
Agilent 6890 Gas Chromatograph	07/01/04	07/01/06
Agilent 6890 Gas Chromatograph	07/01/02	07/01/04
Agilent 6890 Gas Chromatograph	07/01/00	07/01/02

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 02/01/72.
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jennifer Price Mills

**Agency:** Charlotte-Mecklenburg Police Department

**Permit Number:** 200

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 6890 Gas Chromatograph	07/01/06	07/01/08
Agilent 6890 Gas Chromatograph	07/01/04	07/01/06
Agilent 6890 Gas Chromatograph	07/01/02	07/01/04
Agilent 6890 Gas Chromatograph	07/01/00	07/01/02

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 06/25/80.
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Richard Woosley Waggoner  
**Agency:** City-County Bureau of Identification  
**Permit Number:** 332

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	11/01/16	11/01/18
Agilent GC/MS (7890A/5875C)	11/01/16	11/01/18
ELISA-Tecan Freedom Evo 75	11/01/16	11/01/18
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	01/05/15	01/01/17
Agilent GC/MS (7890A/5875C)	01/05/15	01/01/17
ELISA-Tecan Freedom Evo 75	01/05/15	01/01/17
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/11/14	03/01/16
Hewlett-Packard GC/MS (6890/5973)	03/11/14	03/01/16
Agilent Technologies GC/MS	03/11/14	03/01/16
ELISA Tecan Freedom EVO 75	03/11/14	03/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/19/12	09/01/14
Hewlett-Packard GC/MS (6890/5973)	09/19/12	09/01/14
Agilent Technologies GC/MS	09/19/12	09/01/14
ELISA Tecan Freedom EVO 75	09/19/12	09/01/14

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 05/20/94.</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Aaron Michael Joncich  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 335

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	02/01/18	02/01/20
Hewlett-Packard GC/MS (6890/5973)	02/01/18	02/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	02/01/18	02/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	02/01/18	02/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/01/16	05/01/18
Hewlett-Packard GC/MS (6890/5973)	05/01/16	05/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	05/01/16	05/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/01/16	05/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/16/14	05/01/16
Hewlett-Packard GC/MS (6890/5973)	05/16/14	05/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	05/16/14	05/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/16/14	05/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/11/14	03/01/16
Hewlett-Packard GC/MS (6890/5973)	03/11/14	03/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	03/11/14	03/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/19/12	09/01/14
Hewlett-Packard GC/MS (6890/5973)	09/19/12	09/01/14
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/19/12	09/01/14

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 10/07/94.</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** William Christopher Stark  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 337

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/09	08/01/11
Hewlett-Packard GC/MS (6890/5973)	08/01/09	08/01/11
- Agilent Technologies GC/MS		
EMIT	08/01/09	08/01/11
ELISA	08/01/09	08/01/11
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/07	08/01/09
Hewlett-Packard GC/MS (6890/5973)	08/01/07	08/01/09
- Agilent Technologies GC/MS		
EMIT	08/01/07	08/01/09
ELISA	08/01/07	08/01/09
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/05	08/01/07
Hewlett-Packard GC/MS (6890/5973)	08/01/05	08/01/07
- Agilent Technologies GC/MS		
EMIT	08/01/05	08/01/07
ELISA	08/01/05	08/01/07
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/03	08/01/05
Hewlett-Packard GC/MS (6890/5973)	08/01/03	08/01/05
EMIT	08/01/03	08/01/05
ELISA	08/01/03	08/01/05
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/01	08/01/03
Hewlett-Packard GC/MS (6890/5973)	08/01/01	08/01/03
EMIT	08/01/01	08/01/03
ELISA	08/01/01	08/01/03

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 05/01/96.</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Linda Erth Farren

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 339

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/01/16	05/01/18
Hewlett-Packard GC/MS (6890/5973)	05/01/16	05/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	05/01/16	05/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/01/16	05/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/16/14	05/01/16
Hewlett-Packard GC/MS (6890/5973)	05/16/14	05/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	05/16/14	05/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/16/14	05/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/11/14	03/01/16
Hewlett-Packard GC/MS (6890/5973)	03/11/14	03/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	03/11/14	03/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/19/12	09/01/14
Hewlett-Packard GC/MS (6890/5973)	09/19/12	09/01/14
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/19/12	09/01/14

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 04/11/03.
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Dee Anne Johnson

**Agency:** Charlotte-Mecklenburg Police Department

**Permit Number:** 340

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 6890 Gas Chromatograph	08/01/08	08/01/10
Agilent 6890 Gas Chromatograph	07/01/06	07/01/08
Agilent 6890 Gas Chromatograph	05/05/05	05/01/07

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 05/05/05.
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Department of Health and Human Services  
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Individual Permit History for Blood Analysis

**Name:** Robert Ward Evans

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 341

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 and 450 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/11	08/01/13
Hewlett-Packard GC/MS (6890/5973)	08/01/11	08/01/13
- Agilent Technologies GC/MS		
EMIT	08/01/11	08/01/13
ELISA	08/01/11	08/01/13
Varian 3800 and 450 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/09	08/01/11
Hewlett-Packard GC/MS (6890/5973)	08/01/09	08/01/11
- Agilent Technologies GC/MS		
EMIT	08/01/09	08/01/11
ELISA	08/01/09	08/01/11
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/07	08/01/09
Hewlett-Packard GC/MS (6890/5973)	08/01/07	08/01/09
- Agilent Technologies GC/MS		
EMIT	08/01/07	08/01/09
ELISA	08/01/07	08/01/09
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	07/13/06	07/01/08
Hewlett-Packard GC/MS (6890/5973)	07/13/06	07/01/08
- Agilent Technologies GC/MS		
EMIT	07/13/06	07/01/08
ELISA	07/13/06	07/01/08

This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 07/13/06.
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Department of Health and Human Services  
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Individual Permit History for Blood Analysis

**Name:** Megan Elizabeth Hancock (previously Brochin)

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 342

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	11/01/09	11/01/11
Hewlett-Packard GC/MS (6890/5973)	11/01/09	11/01/11
- Agilent Technologies GC/MS		
EMIT	11/01/09	11/01/11
ELISA	11/01/09	11/01/11
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	11/26/07	11/01/09
Hewlett-Packard GC/MS (6890/5973)	11/26/07	11/01/09
- Agilent Technologies GC/MS		
EMIT	11/26/07	11/01/09
ELISA	11/26/07	11/01/09

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
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**Name:** Jennifer Jean Lindley  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 343

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 and 450 Gas Chromatograph w/ CTC Headspace Autosampler	04/01/10	04/01/12
Hewlett-Packard GC/MS (6890/5973)	04/01/10	04/01/12
Agilent Technologies GC/MS	04/01/10	04/01/12
EMIT	04/01/10	04/01/12
ELISA	04/01/10	04/01/12
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	02/08/08	02/01/10
Hewlett-Packard GC/MS (6890/5973)	02/08/08	02/01/10
EMIT	02/08/08	02/01/10
ELISA	02/08/08	02/01/10

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Monica Zsane Phillips  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 344

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	04/01/10	04/01/12
Hewlett-Packard GC/MS (6890/5973)	04/01/10	04/01/12
- Agilent Technologies GC/MS		
EMIT	04/01/10	04/01/12
ELISA	04/01/10	04/01/12
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	04/01/08	04/01/10
Hewlett-Packard GC/MS (6890/5973)	04/01/08	04/01/10
- Agilent Technologies GC/MS		
EMIT	04/01/08	04/01/10
ELISA	04/01/08	04/01/10

Department of Health and Human Services  
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**Name:** Kemika Daniels Alloway  
**Agency:** Charlotte-Mecklenburg Police Department  
**Permit Number:** 345

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	06/25/10	06/01/12
Agilent 6890 Gas Chromatograph	06/25/10	06/01/12
Agilent 6890 Gas Chromatograph	08/01/08	08/01/10

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Matthew Cecil Mathis

**Agency:** Charlotte-Mecklenburg Police Department

**Permit Number:** 346

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 6890 Gas Chromatograph	08/01/08	08/01/10

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Stefanie Ann Raysich  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 347

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/19/12	09/01/14
Hewlett-Packard GC/MS (6890/5973)	09/19/12	09/01/14
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/19/12	09/01/14
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	10/01/10	10/01/12
Hewlett-Packard GC/MS (6890/5973)	10/01/10	10/01/12
- Agilent Technologies GC/MS		
EMIT	10/01/10	10/01/12
ELISA	10/01/10	10/01/12
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	10/06/08	10/01/10
Hewlett-Packard GC/MS (6890/5973)	10/06/08	10/01/10
- Agilent Technologies GC/MS		
EMIT	10/06/08	10/01/10
ELISA	10/06/08	10/01/10

Department of Health and Human Services  
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**Name:** Shelia Kay Bayler  
**Agency:** City-County Bureau of Identification  
**Permit Number:** 348

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Agilent GC/MS (7890A/5975C)	07/01/16	07/01/18
ELISA –Tecan Freedom Evo 75	07/01/16	07/01/18
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	09/01/14	09/01/16
Agilent GC/MS (7890A/5975C)	09/01/14	09/01/16
ELISA –Tecan Freedom Evo 75	09/01/14	09/01/16
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	09/01/12	09/01/14
Agilent GC/MS (7890A/5975C)	09/01/12	09/01/14
ELISA –Tecan Freedom Evo 75	09/01/12	09/01/14
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	10/01/10	10/01/12
Hewlett-Packard GC/MS (6890/5973)	10/01/10	10/01/12
- Agilent Technologies GC/MS		
EMIT	10/01/10	10/01/12
ELISA	10/01/10	10/01/12
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	10/13/08	10/01/10
Agilent Technologies GC/MS	10/13/08	10/01/10
EMIT	10/13/08	10/01/10
ELISA	10/13/08	10/01/10

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
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**Name:** Brian Keith King  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 349

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	01/01/11	01/01/13
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	01/01/11	01/01/13
Hewlett-Packard GC/MS (6890/5973) -Agilent GC/MS (7890/5975)	01/01/11	01/01/13
EMIT	01/01/11	01/01/13
ELISA	01/01/11	01/01/13
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	01/06/09	01/01/11
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	01/06/09	01/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	01/06/09	01/01/11
EMIT	01/06/09	01/01/11
ELISA	01/06/09	01/01/11



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**Name:** Sarah Beth Williams  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 350

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	01/01/11	01/01/13
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	01/01/11	01/01/13
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	01/01/11	01/01/13
EMIT	01/01/11	01/01/13
ELISA	01/01/11	01/01/13
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	01/06/09	01/01/11
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	01/06/09	01/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	01/06/09	01/01/11
EMIT	01/06/09	01/01/11
ELISA	01/06/09	01/01/11

Department of Health and Human Services  
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**Name:** Hope Linnette Copeland  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 351

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	01/12/09	01/01/11
Agilent Technologies GC/MS	01/12/09	01/01/11
EMIT	01/12/09	01/01/11
ELISA	01/12/09	01/01/11

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
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**Name:** Ann Michelson Charlesworth  
**Agency:** Charlotte-Mecklenburg Police Department  
**Permit Number:** 352

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/18	04/01/20
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/16	04/01/18
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/14	04/01/16
Agilent 6890 Gas Chromatograph	04/01/14	04/01/16
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/12	04/01/14
Agilent 6890 Gas Chromatograph	04/01/12	04/01/14
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	06/25/10	06/01/12
Agilent 6890 Gas Chromatograph	06/25/10	06/01/12
Agilent 6890 Gas Chromatograph	02/25/09	02/01/11

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lori Allyne Knops  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 353

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Thermo Trace GC Ultra w/ Thermo TriPlus Autosampler, XCaliber Chromatography Workstation	6/14/13	6/01/15
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/01/11	06/01/13
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	06/01/11	06/01/13
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	06/01/11	06/01/13
EMIT	06/01/11	06/01/13
ELISA	06/01/11	06/01/13
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/29/09	06/01/11
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	06/29/09	06/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	06/29/09	06/01/11
EMIT	06/29/09	06/01/11
ELISA	06/29/09	06/01/11

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Justin Kale Sigmon  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 354

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/01/11	06/01/13
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	06/01/11	06/01/13
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	06/01/11	06/01/13
EMIT	06/01/11	06/01/13
ELISA	06/01/11	06/01/13
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/29/09	06/01/11
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	06/29/09	06/01/11
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	06/29/09	06/01/11
EMIT	06/29/09	06/01/11
ELISA	06/29/09	06/01/11

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**Name:** Erin Ashley Luper

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 355

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/29/09	06/01/11
Hewlett-Packard GC/MS (6890/5973)	06/29/09	06/01/11
- Agilent Technologies GC/MS		
EMIT	06/29/09	06/01/11
ELISA	06/29/09	06/01/11

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Bethany Patrice Pridgen  
**Agency:** Wilmington Police Department  
**Permit Number:** 356

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Thermo Scientific Trace GC Ultra and Trace 1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/18	05/01/20
Thermo Scientific Trace GC Ultra and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/16	05/01/18
Thermo Scientific Trace GC Ultra and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/14	05/01/16
Thermo Scientific Trace GC Ultra w/ TriPlus Headspace Autosampler and Flame Ionization Detector	09/19/13	09/01/15
Thermo Scientific Trace GC Ultra w/ TriPlus Headspace Autosampler and Flame Ionization Detector	08/17/11	08/17/13
Thermo Scientific Trace GC Ultra w/ TriPlus Headspace Autosampler and Flame Ionization Detector	08/17/09	08/17/11

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Irvin Lee Allcox  
**Agency:** City-County Bureau of Identification  
**Permit Number:** 357

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	06/01/18	06/01/20
Agilent GC/MS (7890A/5975C)	06/01/18	06/01/20
ELISA –Tecan Freedom Evo 75	06/01/18	06/01/20
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Agilent GC/MS (7890A/5975C)	07/01/16	07/01/18
ELISA –Tecan Freedom Evo 75	07/01/16	07/01/18
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	09/01/14	09/01/16
Agilent GC/MS (7890A/5975C)	09/01/14	09/01/16
ELISA –Tecan Freedom Evo 75	09/01/14	09/01/16
Agilent 7890A Gas Chromatograph w/ Headspace Autosampler	09/01/12	09/01/14
Agilent GC/MS (7890A/5975C)	09/01/12	09/01/14
ELISA –Tecan Freedom Evo 75	09/01/12	09/01/14
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/11	08/01/13
Hewlett-Packard GC/MS (6890/5973)	08/01/11	08/01/13
- Agilent Technologies GC/MS		
EMIT	08/01/11	08/01/13
ELISA	08/01/11	08/01/13
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/17/09	08/01/11
Agilent Technologies GC/MS	08/17/09	08/01/11
EMIT	08/17/09	08/01/11
ELISA	08/17/09	08/01/11



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michael Todd Huml  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 358

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	02/08/10	02/01/12
Hewlett-Packard GC/MS (6890/5973)	02/08/10	02/01/12
- Agilent Technologies GC/MS		
EMIT	02/08/10	02/01/12
ELISA	02/08/10	02/01/12

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amanda Brooke Motsinger  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 359

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	08/01/14	08/01/16
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	08/01/14	08/01/16
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	08/01/14	08/01/16
EMIT	08/01/14	08/01/16
ELISA	08/01/14	08/01/16
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	07/12/12	07/01/14
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	07/12/12	07/01/14
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	07/12/12	07/01/14
EMIT	07/12/12	07/01/14
ELISA	07/12/12	07/01/14
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	06/25/10	06/01/12
Varian 450 Gas Chromatograph with CTC Headspace Autosampler	06/25/10	06/01/12
Hewlett-Packard GC/MS (6890/5973) - Agilent GC/MS (7890/5975)	06/25/10	06/01/12
EMIT	06/25/10	06/01/12
ELISA	06/25/10	06/01/12

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jennifer Susan Leiser

**Agency:** Charlotte-Mecklenburg Police Department

**Permit Number:** 360

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/14	04/01/16
Agilent 6890 Gas Chromatograph	04/01/14	04/01/16
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/12	04/01/14
Agilent 6890 Gas Chromatograph	04/01/12	04/01/14
Agilent 6890 Gas Chromatograph	06/25/10	06/01/12
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	06/25/10	06/01/12

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lori Ann Richards  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 361

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian 3800 Gas Chromatograph w/ CTC Headspace Autosampler	07/01/10	07/01/12
Agilent 7890A GC		
Agilent Technologies GC/MS	07/01/10	07/01/12
EMIT	07/01/10	07/01/12
ELISA	07/01/10	07/01/12

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Melanie Stancil Thornton  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 362

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973)	04/01/18	04/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75/150	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/01/16	05/01/18
Hewlett-Packard GC/MS (6890/5973)	05/01/16	05/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	05/01/16	05/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/01/16	05/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/16/14	05/01/16
Hewlett-Packard GC/MS (6890/5973)	05/16/14	05/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	05/16/14	05/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/16/14	05/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	03/11/14	03/01/16
Hewlett-Packard GC/MS (6890/5973)	03/11/14	03/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	03/11/14	03/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/19/12	09/01/14
Hewlett-Packard GC/MS (6890/5973)	09/19/12	09/01/14
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/19/12	09/01/14

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 07/01/10.</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Frank Wayne Lewallen

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 363

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	02/01/18	02/01/20
Hewlett-Packard GC/MS (6890/5973)	02/01/18	02/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75 and 150	02/01/18	02/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	02/01/18	02/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/01/16	05/01/18
Hewlett-Packard GC/MS (6890/5973)	05/01/16	05/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	05/01/16	05/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/01/16	05/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/16/14	05/01/16
Hewlett-Packard GC/MS (6890/5973)	05/16/14	05/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	05/16/14	05/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/16/14	05/01/16

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 10/07/11.</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amy Lynn Hutson  
**Agency:** Wilmington Police Department  
**Permit Number:** 364

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Thermo Scientific Trace GC Ultra and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/18	05/01/20
Thermo Scientific Trace GC Ultra and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/16	05/01/18
Thermo Scientific Trace GC Ultra and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/14	05/01/16
Thermo Scientific Trace GC Ultra w/ TriPlus Headspace Autosampler and Flame Ionization Detector	03/12/12	03/12/14

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lillian Ngong

**Agency:** Charlotte-Mecklenburg Police Department

**Permit Number:** 365

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/18	04/01/20
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	04/01/16	04/01/18
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID) Agilent 6890 Gas Chromatograph	04/01/14	04/01/16
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID) Agilent 6890 Gas Chromatograph	04/01/12	04/01/14



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Natasha Alexandra Testa  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 366

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16
Varian 3800 and Agilent 7890 Gas Chromatograph w/ LEAP Technologies Combi-Pal Autosampler and Varian Star Chromatography Workstation	09/16/13	09/01/15

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Paige Katherine Gardner  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 367

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973)	04/01/18	04/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Hewlett-Packard GC/MS (6890/5973)	07/01/16	07/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	12/11/13	12/01/15
Hewlett-Packard GC/MS (6890/5973)	12/11/13	12/01/15
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	12/11/13	12/01/15

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Evan Michael Lowery  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 368

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Hewlett-Packard GC/MS (6890/5973)	07/01/16	07/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	12/12/13	12/01/15
Hewlett-Packard GC/MS (6890/5973)	12/12/13	12/01/15
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	12/12/13	12/01/15

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Danielle Marie (Andersen) O'Connell  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 369

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973)	04/01/18	04/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Hewlett-Packard GC/MS (6890/5973)	07/01/16	07/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	12/23/13	12/01/15
Hewlett-Packard GC/MS (6890/5973)	12/23/13	12/01/15
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	12/23/13	12/01/15

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Leyda Zoraida Lugo-Morales  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 370

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	12/23/13	12/01/15
Hewlett-Packard GC/MS (6890/5973)	12/23/13	12/01/15
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	12/23/13	12/01/15

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Andrew Lawrence Young  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 371

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Hewlett-Packard GC/MS (6890/5973)	07/01/16	07/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	12/23/13	12/01/15
Hewlett-Packard GC/MS (6890/5973)	12/23/13	12/01/15
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	12/23/13	12/01/15

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Melanie Coleen Colon-Medina  
**Agency:** Wilmington Police Department  
**Permit Number:** 372

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Thermo Scientific Trace Ultra GC and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	05/01/14	05/01/16

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jason Matthew Shriver

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 373

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kristi Nicole Raschka  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 374

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973)	04/01/18	04/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Agilent Technologies GC/MS	07/01/16	07/01/18
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amber Marie Rowland  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 375

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973)	04/01/18	04/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Hewlett-Packard GC/MS (6890/5973)	07/01/16	07/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Megan Kelsey Simms  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 376

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	04/01/18	04/01/20
Hewlett-Packard GC/MS (6890/5973)	04/01/18	04/01/20
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	04/01/18	04/01/20
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/01/18	04/01/20
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	07/01/16	07/01/18
Agilent Technologies GC/MS	07/01/16	07/01/18
ELISA Tecan Freedom EVO 75	07/01/16	07/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	07/01/16	07/01/18
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	09/09/14	09/01/16
Hewlett-Packard GC/MS (6890/5973)	09/09/14	09/01/16
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	09/09/14	09/01/16
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/09/14	09/01/16

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mark Christopher Annand

**Agency:** NMS Labs

**Permit Number:** 377

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** David Buzby  
**Agency:** NMS Labs  
**Permit Number:** 378

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Christina M. Carrico

**Agency:** NMS Labs

**Permit Number:** 379

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF AgilentJet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
LC-TOF AgilentJet Stream 6230, Agilent 5973/5975 GC/MS	12/06/16	12/01/18
LC-TOF Agilent	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Gregory Andrew Coates  
**Agency:** NMS Labs **Permit**  
**Number:** 380

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amanda Christine Cooke

**Agency:** NMS Labs

**Permit Number:** 381

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Joseph Nicholas Corvo

**Agency:** NMS Labs

**Permit Number:** 382

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230; Agilent 5973 & 5975 GC/MS	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17
API 4500 LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Susan Beth Crookham

**Agency:** NMS Lab

**Permit Number:** 383

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230,	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/06/16	12/01/18
API 4500/4000 LC-MS/MS	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/17
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	01/26/15	01/01/17
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/26/15	01/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/26/15	01/01/17
API 4500 LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jeong Hee Davidheiser

**Agency:** NMS Labs

**Permit Number:** 384

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rachel A. Davidovics

**Agency:** NMS Labs

**Permit Number:** 385

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Chelsey Nicole Deisher

**Agency:** NMS Labs

**Permit Number:** 386

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rosa Enid De Jesùs

**Agency:** NMS Labs

**Permit Number:** 387

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF AgilentJet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	12/06/16	12/01/18
LC-TOF AgilentJet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Danielle R. DeMauro

**Agency:** NMS Labs

**Permit Number:** 388

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/12/18	02/01/18
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/18
ELISA Tecan	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Craig Thomas Leopold

**Agency:** NMS Labs

**Permit Number:** 389

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/12/18	02/01/18
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/01/15	03/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kristopher William Graf

**Agency:** NMS Labs

**Permit Number:** 390

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amanda Nicole Hackman

**Agency:** NMS Labs

**Permit Number:** 391

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF AgilentJet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GCMS	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Thomas E. Harbaugh

**Agency:** NMS Labs

**Permit Number:** 392

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Brian David Holsey Jr.

**Agency:** NMS Labs

**Permit Number:** 393

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Thanh M. Huynh  
**Agency:** NMS Labs  
**Permit Number:** 394

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	02/20/17	02/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/20/17	02/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/27/16	06/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/27/16	06/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Apisri (Ieamniramit) Harjes

**Agency:** NMS Labs

**Permit Number:** 395

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Samantha Hope (Jenkins) Curran

**Agency:** NMS Labs

**Permit Number:** 396

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/12/18	02/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/21/16	09/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	09/21/16	09/01/18
API 4500/4000 LC-MS/MS	09/21/16	09/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Alyssa Marie Keil

**Agency:** NMS Labs

**Permit Number:** 397

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
ELISA Tecan	05/01/17	05/01/19
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	05/01/17	05/01/19
API 4500/4000 LC-MS/MS	05/01/17	05/01/19
ELISA Tecan	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Renee Lynn Kezmarsky

**Agency:** NMS Labs

**Permit Number:** 398

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
API 4500 LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lori A. Lockrey  
**Agency:** NMS Labs  
**Permit Number:** 399

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	03/01/17	03/01/19
LC-TOF Agilent Jet Stream 6230	03/01/17	03/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD, or API 4500	03/01/17	03/01/19
GC/MS Agilent 7890A & 5975C GC-GC-MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/01/17	03/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/01/17	03/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/01/17	03/01/19
API 4500/4000 LC-MS/MS	03/01/17	03/01/19
ELISA Tecan	03/01/15	03/01/17
LC-TOF Agilent Jet Stream 6230	03/01/15	03/01/17
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/01/15	03/01/17
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/01/15	03/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/01/15	03/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Christopher E. Lloyd

**Agency:** NMS Labs

**Permit Number:** 400

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, or API 4500	12/15/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kristina Leigh Long

**Agency:** NMS Labs

**Permit Number:** 401

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Joan Gertrude Lutz-Maltz

**Agency:** NMS Labs

**Permit Number:** 402

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Luke B. Mason  
**Agency:** NMS Labs  
**Permit Number:** 403

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Melissa M. Mason

**Agency:** NMS Labs

**Permit Number:** 404

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Colleen M. Mathews

**Agency:** NMS Labs

**Permit Number:** 405

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** L. Paul Miller Jr.

**Agency:** NMS Labs

**Permit Number:** 406

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	02/12/18	02/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/12/18	02/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
ELISA Tecan	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/06/16	12/01/18
API 4500/4000 LC-MS/MS	12/06/16	12/01/18

This record reflects the most recent permits issued to the named analyst.  
This analyst has held a permit for the analysis of blood since 01/26/15.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Diana M. Mossbrook

**Agency:** NMS Labs

**Permit Number:** 407

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Shanitut T. Muantongchin

**Agency:** NMS Labs

**Permit Number:** 408

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Marcellino Pasquale Porto

**Agency:** NMS Labs

**Permit Number:** 409

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Adam Ross Rapoport

**Agency:** NMS Labs

**Permit Number:** 410

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rebecca L. Reber  
**Agency:** NMS Labs  
**Permit Number:** 411

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
ELISA Tecan	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jacqueline Rizzo  
**Agency:** NMS Labs  
**Permit Number:** 412

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Anthony D. Rodriguez

**Agency:** NMS Labs

**Permit Number:** 413

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, or API 4500	02/20/17	02/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/20/17	02/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/27/16	06/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/27/16	06/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Heidi Renee Schimmelbusch

**Agency:** NMS Labs

**Permit Number:** 414

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Parul Sunilkumar Shah

**Agency:** NMS Labs

**Permit Number:** 415

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Dawn N. Sherwood

**Agency:** NMS Labs

**Permit Number:** 416

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/06/16	12/01/18
API 4500/ 4000 LC-MS/MS	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/17
LC-TOF Agilent Jet Stream 6230	01/26/15	01/01/17
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	01/26/15	01/01/17
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/26/15	01/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/26/15	01/01/17
API 4500 LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Nancy A. Shubbar

**Agency:** NMS Labs

**Permit Number:** 417

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Justin Daniel Spatafore

**Agency:** NMS Labs

**Permit Number:** 418

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	02/12/18	02/01/20
API 4500/ 4000/ 6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Denice Marie Teem

**Agency:** NMS Labs

**Permit Number:** 419

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	02/12/18	02/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/12/18	02/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
ELISA Tecan	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/06/16	12/01/18
API 4500/4000 LC-MS/MS	12/06/16	12/01/18

This record reflects the most recent permits issued to the named analyst.  
This analyst has held a permit for the analysis of blood since 01/26/15.

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Cherie Marie Trail

**Agency:** NMS Labs

**Permit Number:** 420

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	04/27/18	04/01/20
LC-TOF AgilentJet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
ELISA Tecan	12/06/17	12/01/19
LC-TOF AgilentJet Stream 6230, Agilent 5973/5975 GC/MS	12/06/17	12/01/19
ELISA Tecan	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jaclyn Kate Venarchick

**Agency:** NMS Labs

**Permit Number:** 421

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Leonard Christopher Vinci

**Agency:** NMS Labs

**Permit Number:** 422

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Judy E. Vinosky  
**Agency:** NMS Labs  
**Permit Number:** 423

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/15/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Tammy Yvette Welch

**Agency:** NMS Labs

**Permit Number:** 424

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lyda M. Wellington

**Agency:** NMS Labs

**Permit Number:** 425

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/15	01/01/17
API 4500 LC-MS/MS	01/26/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Linay Elizabeth Williams

**Agency:** NMS Labs

**Permit Number:** 426

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
ELISA Tecan	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	12/06/16	12/01/18
ELISA Tecan	01/26/15	01/01/17
LC-TOF Agilent Jet Stream 6230	04/07/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Meredith L. Atkins

**Agency:** NMS Labs

**Permit Number:** 427

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jessica Leigh Baehr

**Agency:** NMS Labs

**Permit Number:** 428

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Stacey Anne DeJoseph

**Agency:** NMS Labs

**Permit Number:** 429

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rocco A. DelConte

**Agency:** NMS Labs

**Permit Number:** 430

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Erik David Flail  
**Agency:** NMS Labs  
**Permit Number:** 431

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	09/01/17	09/01/19
LC-TOF Agilent Jet Stream 6230	09/01/17	09/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/01/17	09/01/19
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/01/17	09/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	09/01/17	09/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	09/01/17	09/01/19
API 4500/4000 LC-MS/MS	09/01/17	09/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kathleen E. Frederick

**Agency:** NMS Labs

**Permit Number:** 432

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/27/16	06/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/27/16	06/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Sara C. Gagen  
**Agency:** NMS Labs  
**Permit Number:** 433

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Danielle Marie Jardel

**Agency:** NMS Labs

**Permit Number:** 434

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mark Philip Lafferty

**Agency:** NMS Labs

**Permit Number:** 435

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Thanh Duyen Thi Lam

**Agency:** NMS Labs

**Permit Number:** 436

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michael Edward Lamb

**Agency:** NMS Labs

**Permit Number:** 437

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/12/18	02/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/12/18	02/01/20
GC Agilent 6890 NPD	02/12/18	02/01/20
and alcohols HP 6890/5890 GC/FID API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
ELISA Tecan	10/20/17	10/01/19
LC-TOF Agilent Jet Stream 6230	10/20/17	10/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/20/17	10/01/19
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	10/20/17	10/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	10/20/17	10/01/19
GC Agilent 6890 NPD	10/20/17	10/01/19
and alcohols HP 6890/5890 GC/FID API 4500/4000 LC-MS/MS	10/20/17	10/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/16/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Ann Marie Meadows

**Agency:** NMS Labs

**Permit Number:** 438

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/28/15	01/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Christopher John Mercer

**Agency:** NMS Labs

**Permit Number:** 439

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-TOF Agilent Jet Stream 6230, LC-QTOF Agilent Dual Jet Stream 6530 Agilent 5973/5975 GC/MS	04/27/18	04/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230, Agilent 5973 & 5975 GC/MS	12/06/16	12/01/18
LC-TOF Agilent Jet Stream 6230	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Casey Marie Mulcahy

**Agency:** NMS Labs

**Permit Number:** 440

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Linda Nguyen  
**Agency:** NMS Labs  
**Permit Number:** 441

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** William Emilio Nunez

**Agency:** NMS Labs

**Permit Number:** 442

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Colleen V. O'Neill

**Agency:** NMS Labs

**Permit Number:** 443

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	09/21/16	09/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Maulikkumar Rameshchandra Patel

**Agency:** NMS Labs

**Permit Number:** 444

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Velpula Grace Anisha Paul

**Agency:** NMS Labs

**Permit Number:** 445

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** David P. Randolph

**Agency:** NMS Labs

**Permit Number:** 446

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lori Lyn Rosen  
**Agency:** NMS Labs  
**Permit Number:** 447

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18
API 4500/4000 LC-MS/MS	03/07/16	03/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jacob Tavakoly-Atar

**Agency:** NMS Labs

**Permit Number:** 448

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17
API 4500 LC-MS/MS	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Justine Michelle Titko

**Agency:** NMS Labs

**Permit Number:** 449

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	12/06/16	12/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jennifer Lynn Turri  
**Agency:** NMS Labs  
**Permit Number:** 450

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	02/12/18	02/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/12/18	02/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18
GC/MS Agilent 7890A & 5975C GC- GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/21/16	09/01/18
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	09/21/16	09/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rachel Christine Reilly

**Agency:** NMS Labs

**Permit Number:** 451

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Gabriela Rodrigues Sacchi

**Agency:** NMS Labs

**Permit Number:** 452

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	01/28/15	01/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kiersten Lee Deblaker

**Agency:** NMS Labs

**Permit Number:** 453

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/05/15	02/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Annette V. Ervin  
**Agency:** NMS Labs  
**Permit Number:** 454

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD, API 4500	12/15/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	12/15/16	12/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	12/15/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/05/15	02/01/17
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	02/05/15	02/01/17
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	02/05/15	02/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Armand Gjeka  
**Agency:** NMS Labs  
**Permit Number:** 455

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/05/15	02/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Aileen Lu  
**Agency:** NMS Labs  
**Permit Number:** 456

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
ELISA Tecan	02/05/15	02/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Cassandra L. Pickett

**Agency:** NMS Labs

**Permit Number:** 457

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/05/15	02/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jaron Samuel Quinlan  
**Agency:** NMS Labs **Permit**  
**Number:** 458

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	03/07/16	03/01/18
LC-TOF Agilent Jet Stream 6230	03/07/16	03/01/18
ELISA Tecan	02/05/15	02/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Denise Nicole Schiller

**Agency:** NMS Labs

**Permit Number:** 459

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
ELISA Tecan	02/05/15	02/01/17
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/05/15	02/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Marykathryn (Tynon) Moody

**Agency:** NMS Labs

**Permit Number:** 460

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	10/20/17	10/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/20/17	10/01/19
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	10/20/17	10/01/19
API 4500/4000 LC-MS/MS	10/20/17	10/01/19
ELISA Tecan	03/07/16	03/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	03/07/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/02/15	02/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Marjola Lino  
**Agency:** NMS Labs  
**Permit Number:** 461

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
ELISA Tecan	03/01/17	03/01/19
ELISA Tecan	04/07/15	04/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Ashandra Gail DeWalt  
**Agency:** NMS Labs  
**Permit Number:** 462

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
Agilent 7890B GC with Dual FID Agilent GC Sampler 80 ELISA Tecan LC-TOF Agilent Jet Stream 6230 LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/12/18	02/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
Agilent 7890B GC with Dual FID Agilent GC Sampler 80 ELISA Tecan LC-TOF Agilent Jet Stream 6230 LC-MS/MS Waters Micromass Quattro Premier or TQD	09/01/17	09/01/19
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/01/17	09/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID API 4500/4000 LC-MS/MS	09/01/17	09/01/19

<p>This record reflects the most recent permits issued to the named analyst. This analyst has held a permit for the analysis of blood since 06/01/15.</p>
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Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Garrick Jermaine Purdie  
**Agency:** Wilmington Police Department  
**Permit Number:** 463

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Thermo Scientific Trace Ultra GC and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	02/01/17	02/01/19
Thermo Scientific Trace Ultra GC and Trace1310 GC w/TriPlus Headspace Autosampler and Flame Ionization Detector	02/10/15	02/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** William Michael Schroeder

**Agency:** NMS Labs

**Permit Number:** 464

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	01/26/18	01/01/20
ELISA Tecan	01/26/18	01/01/20
LC-TOF Agilent Jet Stream 6230	01/26/18	01/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	01/26/18	01/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	01/26/18	01/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	01/26/18	01/01/20
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	01/26/18	01/01/20
API 4500/4000/6500 LC-MS/MS	01/26/18	01/01/20
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	05/02/16	05/01/18
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	06/01/15	06/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kyle David Brown  
**Agency:** NMS Labs  
**Permit Number:** 465

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	06/01/15	06/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Alex Paul Castanzo

**Agency:** NMS Labs

**Permit Number:** 466

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/01/15	06/01/17
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/01/15	06/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amber Luise Fontanez

**Agency:** NMS Labs

**Permit Number:** 467

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	06/01/15	06/01/17
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/01/15	06/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Brittany Lynn Cassell  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 468

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	03/01/17	03/01/19
ELISA Tecan Freedom EVO 75	03/01/17	03/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	03/01/17	03/01/19
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	06/11/15	06/01/17
ELISA Tecan Freedom EVO 75	06/11/15	06/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/11/15	06/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mirriam Nicole Hooks

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 469

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	06/11/15	06/01/17
ELISA Tecan Freedom EVO 75	06/11/15	06/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/11/15	06/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Tasheé Nicole Washington  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 470

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	06/11/15	06/01/17
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	06/11/15	06/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/11/15	06/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Janea R. Patterson

**Agency:** NMS Labs

**Permit Number:** 471

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	05/01/17	05/01/19
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	05/01/17	05/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/16/15	06/01/17
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/16/15	06/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kylie Nichole Alford  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 472

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	06/01/17	06/01/19
ELISA Tecan Freedom EVO 75/150	06/01/17	06/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/01/17	06/01/19
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	09/01/15	09/01/17
ELISA Tecan Freedom EVO 75	09/01/15	09/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/01/15	09/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jacqueline Seki Coley  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 473

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	06/01/17	06/01/19
ELISA Tecan Freedom EVO 75/150	06/01/17	06/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/01/17	06/01/19
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	09/01/15	09/01/17
ELISA Tecan Freedom EVO 75	09/01/15	09/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/01/15	09/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Joan L. Schemmer  
**Agency:** NMS LABs  
**Permit Number:** 474

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD	03/07/16	03/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Swapna Jayan  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 475

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	06/01/17	06/01/19
ELISA Tecan Freedom EVO 75/150	06/01/17	06/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/01/17	06/01/19
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	09/01/15	09/01/17
ELISA Tecan Freedom EVO 75	09/01/15	09/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/01/15	09/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Megan Jane Keeler  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 476

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	06/01/17	06/01/19
ELISA Tecan Freedom EVO 75/150	06/01/17	06/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/01/17	06/01/19
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	09/01/15	09/01/17
ELISA Tecan Freedom EVO 75	09/01/15	09/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/01/15	09/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Stephanie Danielle (Marcin) Douthwaite  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 477

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	06/01/17	06/01/19
ELISA Tecan Freedom EVO 75/150	06/01/17	06/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	06/01/17	06/01/19
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	09/01/15	09/01/17
ELISA Tecan Freedom EVO 75	09/01/15	09/01/17
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	09/01/15	09/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michael Anthony Kuzemko  
**Agency:** Pitt County Sheriff's Office  
**Permit Number:** 478

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Agilent 7890B Gas Chromatograph w/ CTC Headspace Autosampler	10/01/15	10/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mark Allen Jackson

**Agency:** Charlotte-Mecklenburg Police Department

**Permit Number:** 479

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	09/01/17	09/01/19
Agilent 7890A Gas Chromatograph with G1888 Headspace Autosampler and Flame Ionization Detector (FID)	09/01/15	09/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jonathan Derek DeCenzi

**Agency:** NMS Labs

**Permit Number:** 480

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	09/01/17	09/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/07/15	10/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** John Martin Hendricks

**Agency:** NMS Labs

**Permit Number:** 481

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/07/15	10/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Caitlin Marie Cunningham

**Agency:** NMS Labs

**Permit Number:** 482

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/07/15	10/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/07/15	10/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Leah Cardine Ali  
**Agency:** NMS Labs  
**Permit Number:** 483

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/07/15	10/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/07/15	10/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Shibaughn Tara Ramsey

**Agency:** NMS Labs

**Permit Number:** 484

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
ELISA Tecan	12/01/15	12/01/17
LC-TOF Agilent Jet Stream 6230	12/01/15	12/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/01/15	12/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Josephine Parks Gottal

**Agency:** NMS Labs

**Permit Number:** 485

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
ELISA Tecan	12/01/15	12/01/17
LC-TOF Agilent Jet Stream 6230	12/01/15	12/01/17
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/01/15	12/01/17



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jonathan Keith Butz

**Agency:** NMS Labs

**Permit Number:** 486

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	11/01/17	11/01/19
GC/MS Agilent 5973	11/01/17	11/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/15/15	12/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Heidy Prock  
**Agency:** NMS Labs  
**Permit Number:** 487

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	12/15/15	12/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Phuong Kim Truong

**Agency:** NMS Labs

**Permit Number:** 488

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Stephanie Kathleen Kumor

**Agency:** NMS Labs

**Permit Number:** 489

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
ELISA Tecan	03/29/16	03/01/18
LC-TOF Agilent Jet Stream 6230	03/29/16	03/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS,WATERS TQS LC-MS/MS	03/29/16	03/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Korey Paige Raupach

**Agency:** NMS Labs

**Permit Number:** 490

**Instrument**

**Effective**

**Expires**

LC-MS/MS Waters Micromass  
Quattro Premier or TQD

03/07/16

03/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jonathan Fred Goodwin

**Agency:** NMS Labs

**Permit Number:** 491

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
ELISA Tecan	03/07/16	03/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Joseph Anthony Mockus

**Agency:** NMS Labs

**Permit Number:** 492

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	03/07/16	03/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Nicole Elizabeth (Stader) Wirth

**Agency:** NMS Labs

**Permit Number:** 493

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	10/20/17	10/01/19
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	03/07/16	03/01/18



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amanda Jeanne Karwell

**Agency:** NMS Labs

**Permit Number:** 494

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	09/01/17	09/01/19
LC-MS/MS Waters Micromass Quattro Premier or TQD	10/07/15	10/01/17
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	10/07/15	06/01/17

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Erin Melissa Cosme

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 495

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler	05/24/16	05/01/18
Hewlett-Packard GC/MS (6890/5973)	05/24/16	05/01/18
Agilent Technologies GC/MS		
ELISA Tecan Freedom EVO 75	05/24/16	05/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	05/24/16	05/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Leonard L. Lee  
**Agency:** NMS Labs  
**Permit Number:** 496

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD	05/25/16	05/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Her Men Ng  
**Agency:** NMS Labs  
**Permit Number:** 497

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD	05/25/16	05/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Matthew A. Zuchero

**Agency:** NMS Labs

**Permit Number:** 498

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
ELISA Tecan	05/01/18	05/01/20
ELISA Tecan	05/25/16	05/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Samantha Elizabeth Hill

**Agency:** NMS Labs

**Permit Number:** 499

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
API 4500/4000 LC-MS/MS	05/25/16	05/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Tashnia R. Babar

**Agency:** NMS Labs

**Permit Number:** 500

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS	05/01/18	05/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD Tandem MS	05/25/16	05/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rachel Marie Janson  
**Agency:** Pitt County Sheriff's Office  
**Permit Number:** 501

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Agilent 7890B Gas Chromatograph w/ CTC Headspace Autosampler	03/01/18	03/01/20
Agilent 7890B Gas Chromatograph w/ CTC Headspace Autosampler	06/02/16	06/01/18



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mary Elizabeth Coleman

**Agency:** NMS Labs

**Permit Number:** 502

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	06/27/16	06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mindy Elizabeth Hair

**Agency:** NMS Labs

**Permit Number:** 503

**Instrument**

**Effective**

**Expires**

LC-TOF Agilent  
Jet Stream 6230

06/27/16

06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Ella Haluza  
**Agency:** NMS Labs  
**Permit Number:** 504

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	06/27/16	06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Robert Paul Hessler, Jr.

**Agency:** NMS Labs

**Permit Number:** 505

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
API 4500/4000/ 6500 LC-MS/MS	02/12/18	02/01/20
API 4500/4000 LC-MS/MS	06/27/16	06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Brian Christopher Landis

**Agency:** NMS Labs

**Permit Number:** 506

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD	05/01/18	05/01/20
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	05/01/18	05/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/27/16	06/01/18
HPLC Thermo Separations or Waters HPLC-UPLC or HPLC-UV	06/27/16	06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Michael David McBride

**Agency:** NMS Labs

**Permit Number:** 507

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
ELISA Tecan	06/27/16	06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Allison Nicole Vaughan

**Agency:** NMS Labs

**Permit Number:** 508

**Instrument**

**Effective**

**Expires**

API 4500/4000  
LC-MS/MS

06/27/16

06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Rosendo Cristian Villafuerte-Vega

**Agency:** NMS Labs

**Permit Number:** 509

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
ELISA Tecan	06/27/16	06/01/18



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Timothy Michael Yannaccone

**Agency:** NMS Labs

**Permit Number:** 510

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	06/27/16	06/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Jenna E. Snow  
**Agency:** NMS Labs  
**Permit Number:** 511

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	09/21/16	09/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Hao Mong Low  
**Agency:** NMS Labs  
**Permit Number:** 512

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Seth Ryan Hogg  
**Agency:** NMS Labs  
**Permit Number:** 513

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID	09/21/16	09/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Danielle Nicole Seamon

**Agency:** NMS Labs

**Permit Number:** 514

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Danielle Summer Bernard

**Agency:** NMS Labs

**Permit Number:** 515

**Instrument**

**Effective**

**Expires**

LC-MS/MS Waters Micromass  
Quattro Premier or TQD

09/21/16

09/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kristy S. Bernard  
**Agency:** NMS Labs  
**Permit Number:** 516

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Robert A. Brown  
**Agency:** NMS Labs  
**Permit Number:** 517

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD	09/21/16	09/01/18



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Brittany Michelle Watt  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 518

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	10/17/16	10/01/18
ELISA Tecan Freedom EVO 75	10/17/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/17/16	10/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Alyssa Leigh Tinnin

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 519

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	10/17/16	10/01/18
ELISA Tecan Freedom EVO 75	10/17/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/17/16	10/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Megan Elizabeth Deeds  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 520

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	10/17/16	10/01/18
ELISA Tecan Freedom EVO 75	10/17/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/17/16	10/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kathleen Maria Barra  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 521

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	10/27/16	10/01/18
ELISA Tecan Freedom EVO 75	10/27/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/27/16	10/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Bryan James Morse

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 522

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	10/27/16	10/01/18
ELISA Tecan Freedom EVO 75	10/27/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/27/16	10/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kayla Marie Baylor

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 523

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	10/27/16	10/01/18
ELISA Tecan Freedom EVO 75	10/27/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/27/16	10/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Curtis Neil Reinbold

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 524

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	10/27/16	10/01/18
ELISA Tecan Freedom EVO 75	10/27/16	10/01/18
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	10/27/16	10/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Stephanie Lyn Schaffer

**Agency:** NMS Labs

**Permit Number:** 525

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
ELISA Tecan	12/06/16	12/01/18
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/06/16	12/01/18



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Devin Corrine Lee

**Agency:** NMS Labs

**Permit Number:** 526

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-TOF Agilent Jet Stream 6230 LC-QTOF Agilent Jet Stream 6530	04/27/18	04/01/20
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Taryn Malootian  
**Agency:** NMS Labs  
**Permit Number:** 527

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Brandon Nathaniel Nelson

**Agency:** NMS Labs

**Permit Number:** 528

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
LC-MS/MS Waters Micromass Quattro Premier or TQD	12/06/16	12/01/18
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	12/06/16	12/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Alison Palombo  
**Agency:** NMS Labs  
**Permit Number:** 529

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	12/06/16	12/01/18

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Courtney Renee Lancor

**Agency:** NMS Labs

**Permit Number:** 530

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	02/20/17	02/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Emily Ann Myers

**Agency:** North Carolina State Crime Laboratory

**Permit Number:** 531

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	04/03/17	04/01/19
ELISA Tecan Freedom EVO 75	04/03/17	04/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	04/03/17	04/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Matthew Richard Gurniak

**Agency:** NMS Labs

**Permit Number:** 532

**Instrument**

**Effective**

**Expires**

ELISA Tecan

05/01/17

05/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Meaghan Marie Ringel

**Agency:** NMS Labs

**Permit Number:** 533

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, WATERS TQS LC-MS/MS	6/28/17	06/01/19



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Estefania Joselinne Alba-Rodriguez

**Agency:** NMS Labs

**Permit Number:** 534

**Instrument**

**Effective**

**Expires**

ELISA Tecan

06/28/17

06/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mercedes Nicole Bauman

**Agency:** NMS Labs

**Permit Number:** 535

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
ELISA-Tecan	04/27/18	04/01/20
LC-TOF Agilent Jet Stream 6230	04/27/18	04/01/20
LC-QTOF Agilent Dual Jet Stream 6530		
Agilent 5973/5975 GCMS		
LC-TOF Agilent	06/28/17	06/01/19
Jet Stream 6230		
Agilent 5973/5975 GCMS	06/28/17	06/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amanda Lucia D'Orazio

**Agency:** NMS Labs

**Permit Number:** 536

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	06/28/17	06/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Elenia Debra Kotretsos

**Agency:** NMS Labs

**Permit Number:** 537

<u>Instrument</u>	<u>Effective</u>	<u>Expires</u>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	06/28/17	06/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Caitlyn Mary McGrellis

**Agency:** NMS Labs

**Permit Number:** 538

**Instrument**

**Effective**

**Expires**

ELISA Tecan

06/28/17

06/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kyle P. Miller  
**Agency:** NMS Labs  
**Permit Number:** 539

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	06/28/17	06/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Mia A. Borrelli  
**Agency:** NMS Labs  
**Permit Number:** 540

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	06/28/17	06/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lindsay C. Pinkstone

**Agency:** NMS Labs

**Permit Number:** 541

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
LC-MS/MS Waters Micromass Quattro Premier or TQD	02/12/18	02/01/20
API 4500/4000/6500 LC-MS/MS	02/12/18	02/01/20
LC-MS/MS Waters Micromass Quattro Premier or TQD or API 4500	06/28/17	06/01/19



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Victoria Lauren Stewart

**Agency:** NMS Labs

**Permit Number:** 542

**Instrument**

**Effective**

**Expires**

LC-MS/MS Waters Micromass  
Quattro Premier or TQD or API 4500

08/25/17

08/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Anthony Michael Poidmani

**Agency:** NMS Labs

**Permit Number:** 543

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	10/20/17	10/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Cierra DeAngela Bell  
**Agency:** North Carolina State Crime Laboratory  
**Permit Number:** 544

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
Varian and Agilent Gas Chromatograph w/ Headspace Autosampler Agilent Technologies GC/MS	12/01/17	12/01/19
ELISA Tecan Freedom EVO 75 and 150	12/01/17	12/01/19
Waters Acquity Xevo TQD Liquid Chromatograph Tandem Mass Spectrometry	12/01/17	12/01/19
Hewlett-Packard GC/MS (6890/5973)	12/01/17	12/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Olivia Tarlo  
**Agency:** NMS Labs  
**Permit Number:** 545

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GCMS	12/06/17	12/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Alexis Cheryl Harrington

**Agency:** NMS Labs

**Permit Number:** 546

**Instrument**

**Effective**

**Expires**

Agilent 7890B GC with Dual FID  
Agilent GC Sampler 80

12/15/17

12/01/19

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Ian Conrad Hall  
**Agency:** NMS Labs  
**Permit Number:** 547

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
API 4500/4000/ 6500 LC-MS/MS	02/12/18	02/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Kenton J. Codara  
**Agency:** NMS Labs  
**Permit Number:** 548

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
GC Agilent 6890 NPD and alcohols HP 6890/5890 GC/FID, Agilent 5973 GC/MS	02/12/18	02/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lin-Lon T. Yang  
**Agency:** NMS Labs  
**Permit Number:** 549

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
ELISA Tecan	02/12/18	02/01/20
LC-TOF Agilent Jet Stream 6230; Agilent 5973 & 5975 GC/MS	02/12/18	02/01/20



Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Sharana Darcel Cook

**Agency:** NMS Labs

**Permit Number:** 550

<b><u>Instrument</u></b>	<b><u>Effective</u></b>	<b><u>Expires</u></b>
GC/MS Agilent 7890A & 5975C GC-GC-GC/MS, Agilent 5973 GCMS, Waters TQS LC-MS/MS	04/27/18	04/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Cuong Luu

**Agency:** NMS Labs

**Permit Number:** 551

**Instrument**

**Effective**

**Expires**

LC-MS/MS Waters Micromass

04/27/18

04/01/20

Quattro Premier or TQD Tandem MS or API 4500

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Lauren Elizabeth Rumberger

**Agency:** NMS Labs

**Permit Number:** 552

**Instrument**

**Effective**

**Expires**

GC Agilent 6890 NPD  
and alcohols HP 6890/5890 GC/FID,  
Agilent 5973 GC/MS

04/27/18

04/01/20

Department of Health and Human Services  
Forensic Tests for Alcohol Branch  
Individual Permit History for Blood Analysis

**Name:** Amanda Jeanette Pickett Martin

**Agency:** NMS Labs

**Permit Number:** 553

<u><b>Instrument</b></u>	<u><b>Effective</b></u>	<u><b>Expires</b></u>
Agilent 7890B GC with Dual FID Agilent GC Sampler 80	05/10/18	05/01/20